Federal PKI Bridge CA project: Entrust Technologies' Participation

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Entrust's Involvement

- Providing Hardware & Software for demonstration effort
- Delivering advanced copies of 5th Generation of the Entrust product
- Providing S/MIMEv3 Toolkits for application integration
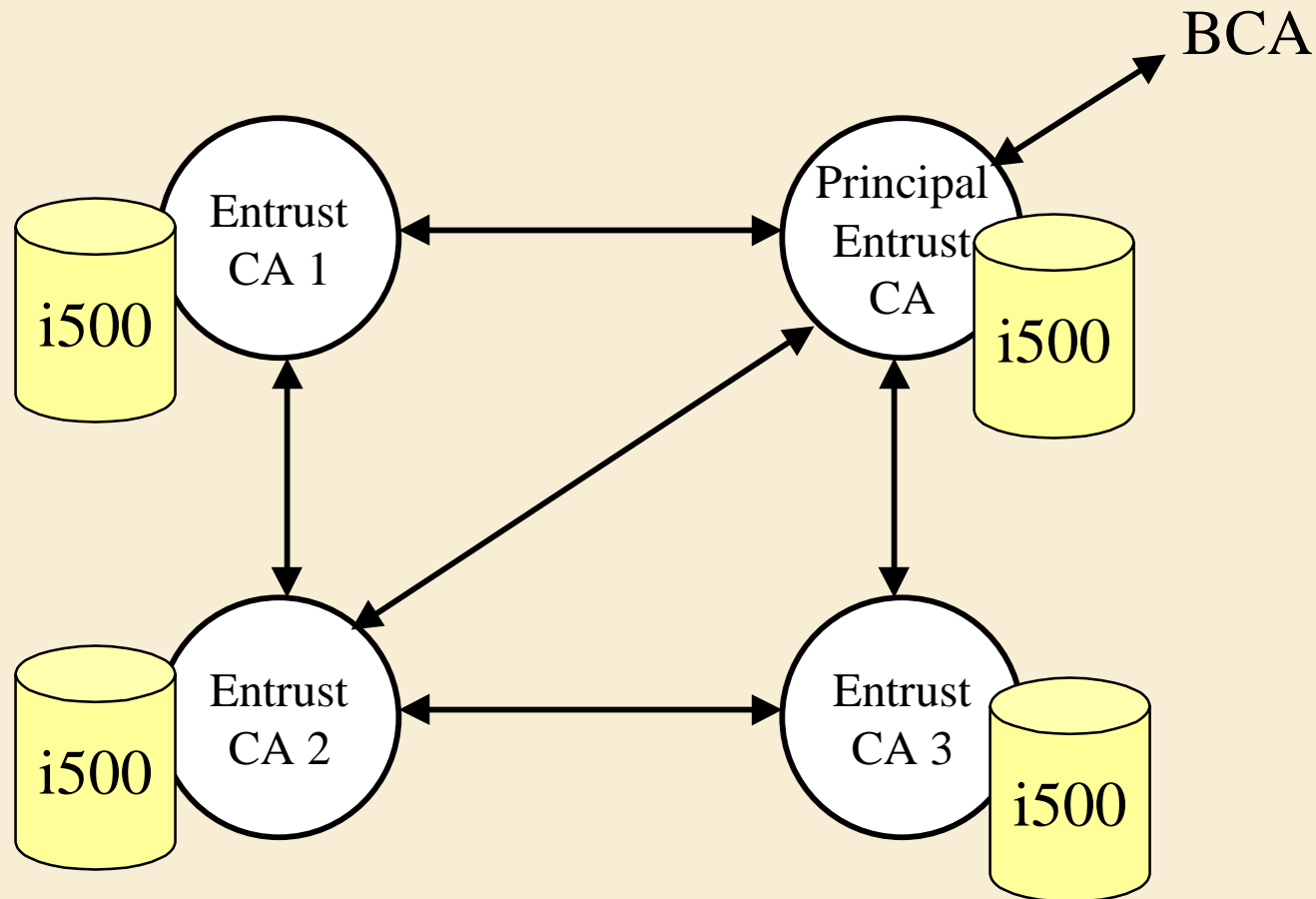- Integrating advanced US Government requirements into latest generation of the product

Entrust's Goal

- Demonstrate advanced PKI functions
- Demonstrate full path discovery in a cross certified environment
- Demonstrate S/MIMEv3 interoperability
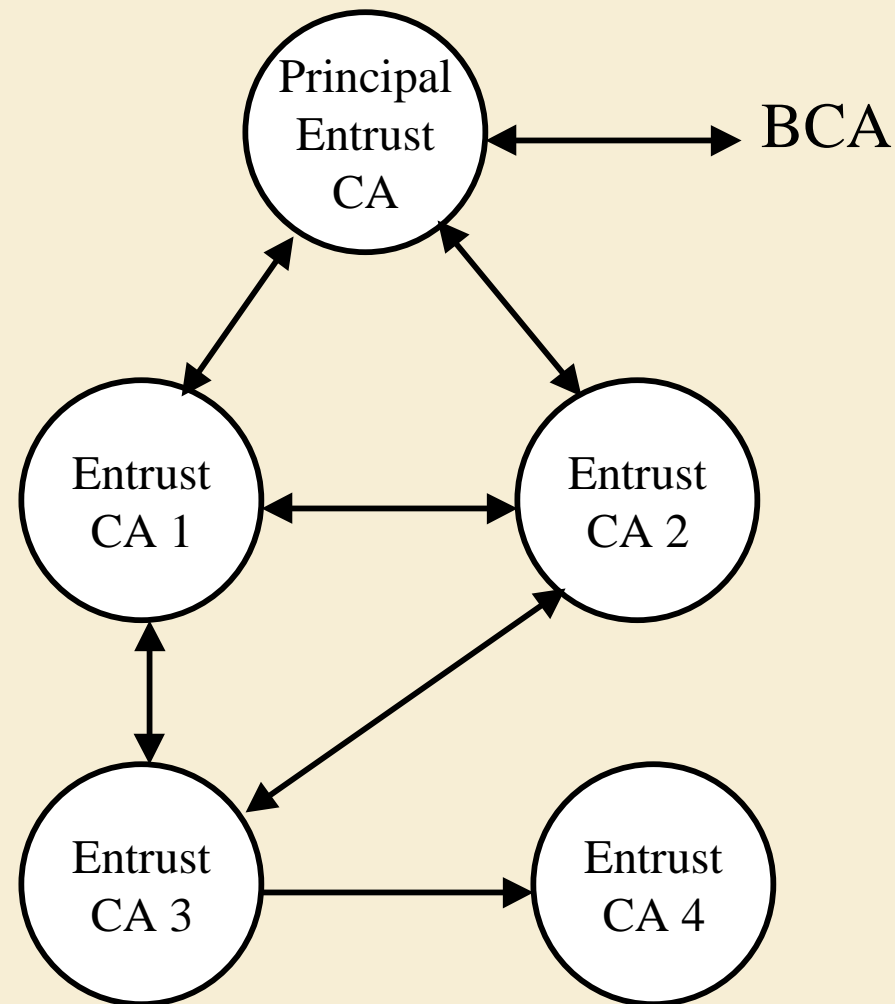- Demonstrate interoperability with DoD PKI

Entrust Architecture

S/MIMEv3 clients will be available at all CAs

Desired Implementation

The Client

- Integrated S/MIME v3 application
- Entrust 5.0 client engine
  - full path development/validation
- Certified by Entrust 5.0 Infrastructure
  - Flexible Certificate Profiles
  - Advanced CA features to ensure integrity
  - PKIX & PKCS CA Networking
  - Hierarchical and Peer Networking

The Directory

- Each CA will be tied to its own directory
  - X.500 based
  - LDAP interfaced
  - chained via DSP to other X.500

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